

Ceramics Market by Product (Traditional, Advanced), Application (Tiles, Sanitary Wares, Abrasives, Pottery, Bricks and Pipes, and Others), End Use (Building and Construction, Industrial, Medical, and Others), and Region 2023-2028

<https://marketpublishers.com/r/C19EA31114C5EN.html>

Date: July 2023

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: C19EA31114C5EN

Abstracts

Market Overview:

The global ceramics market size reached US\$ 163.84 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 246.28 Billion by 2028, exhibiting a growth rate (CAGR) of 7.30% during 2023-2028. The rising product adoption in the construction industry, the growing inclination toward renewable energy sources, and various technological advancements in the manufacturing process for complex shapes and cost-effective production represent some of the key factors driving the market.

Ceramics are non-metallic, inorganic materials that are typically made from a combination of clay, minerals, and other raw materials. They are known for their high-temperature resistance, hardness, strength, and ability to withstand wear and corrosion. They can be classified into two main types, namely traditional ceramics and advanced ceramics. Traditional ceramics include clay-based products such as pottery, porcelain, and bricks. They are typically made by shaping the clay and then firing it at high temperatures to create a rigid, solid structure. On the other hand, advanced ceramics, also known as engineered or technical ceramics, are a class of ceramics that have been specifically engineered to possess superior properties and performance. They are made from refined and processed raw materials using advanced manufacturing techniques. As a result, ceramics exhibit exceptional mechanical strength, high temperature and chemical resistance, electrical insulation, and biocompatibility. Consequently, they are utilized in structural components, thermal insulators, electrical insulators, cutting tools,

biomedical implants, catalysts, and many other areas where their unique characteristics are required.

Ceramics Market Trends:

The market is primarily driven by the expanding construction industry. Ceramics are extensively used in the construction industry for applications such as tiles, sanitaryware, bricks, and refractories. The rapid urbanization and infrastructure development in emerging economies, as well as renovation and remodeling activities in developed regions, are contributing to the demand for ceramics in the construction sector. In addition, ceramics find applications in the automotive industry for components such as catalytic converters, sensors, and engine parts. The demand for lightweight, durable, and high-temperature resistant materials in automotive manufacturing drives the adoption of ceramics, particularly advanced ceramics, to enhance fuel efficiency, reduce emissions, and improve performance. Besides this, the growing inclination toward renewable energy sources is also contributing to market growth. Ceramics play a crucial role in energy generation, storage, and conservation. They are used in applications like solid oxide fuel cells, gas turbines, solar panels, and thermal insulation. Moreover, the market is further propelled by the increasing healthcare and biomedical product applications. Ceramics are widely used in the healthcare and biomedical fields due to their biocompatibility and resistance to wear and corrosion. They are utilized in dental implants, orthopedic implants, surgical instruments, and medical devices. This, coupled with the development of advanced manufacturing processes, such as additive manufacturing (3D printing), has expanded the possibilities for ceramics in terms of complex shapes, customization, and cost-effective production, thus contributing to market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global ceramics market, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on product, application, and end use.

Product Insights:

Traditional
Advanced

The report has provided a detailed breakup and analysis of the ceramics market based on the product. This includes traditional and advanced. According to the report,

traditional represented the largest segment.

Application Insights:

- Tiles
- Sanitary Wares
- Abrasives
- Pottery
- Bricks and Pipes
- Others

A detailed breakup and analysis of the ceramics market based on the application has also been provided in the report. This includes tiles, sanitary wares, abrasives, pottery, bricks and pipes, and others. According to the report, tiles accounted for the largest market share.

End Use Insights:

- Building and Construction
- Industrial
- Medical
- Others

A detailed breakup and analysis of the ceramics market based on the end use has also been provided in the report. This includes building and construction, industrial, medical, and others. According to the report, building and construction accounted for the largest market share.

Regional Insights:

- North America
 - United States
 - Canada
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain

Russia
Others
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for ceramics. Some of the factors driving the Asia Pacific ceramics market included the rising product adoption in automotive and healthcare industries, various technological advancements, and the expanding construction sector.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global ceramics market. Detailed profiles of all major companies have been provided. Some of the companies covered include 3M Company, Applied Ceramics Inc., CeramTec GmbH, Compagnie de Saint-Gobain S.A., CoorsTek Inc, Corning Incorporated, Du-Co Ceramics Company, Kajaria Ceramics Limited, KYOCERA Corporation, Mohawk Industries, Inc, Momentive Performance Materials Quartz, Inc., Morgan Advanced Materials, RAK Ceramics P.J.S.C., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global ceramics market performed so far, and how will it perform in the

coming years?

What are the drivers, restraints, and opportunities in the global ceramics market?

What is the impact of each driver, restraint, and opportunity on the global ceramics market?

What are the key regional markets?

Which countries represent the most attractive ceramics market?

What is the breakup of the market based on the product?

Which is the most attractive product in the ceramics market?

What is the breakup of the market based on the application?

Which is the most attractive application in the ceramics market?

What is the breakup of the market based on the end use?

Which is the most attractive end use in the ceramics market?

What is the competitive structure of the global ceramics market?

Who are the key players/companies in the global ceramics market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL CERAMICS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Traditional
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Advanced
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

7.1 Tiles

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Sanitary Wares

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Abrasives

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Pottery

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Bricks and Pipes

7.5.1 Market Trends

7.5.2 Market Forecast

7.6 Others

7.6.1 Market Trends

7.6.2 Market Forecast

8 MARKET BREAKUP BY END USE

8.1 Building and Construction

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Industrial

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Medical

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

- 10.1 Overview
- 10.2 Drivers
- 10.3 Restraints
- 10.4 Opportunities

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers

- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 3M Company
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Applied Ceramics Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 CeramTec GmbH
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Compagnie de Saint-Gobain S.A.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 CoorsTek Inc.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Corning Incorporated
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
 - 14.3.7 Du-Co Ceramics Company

- 14.3.7.1 Company Overview
- 14.3.7.2 Product Portfolio
- 14.3.8 Kajaria Ceramics Limited
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 KYOCERA Corporation
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Mohawk Industries, Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Momenive Performance Materials Quartz, Inc.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Morgan Advanced Materials
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
- 14.3.13 RAK Ceramics P.J.S.C
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Ceramics Market: Key Industry Highlights, 2022 & 2028

Table 2: Global: Ceramics Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Ceramics Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Ceramics Market Forecast: Breakup by End Use (in Million US\$), 2023-2028

Table 5: Global: Ceramics Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Ceramics Market: Competitive Structure

Table 7: Global: Ceramics Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Ceramics Market: Major Drivers and Challenges

Figure 2: Global: Ceramics Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Ceramics Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Ceramics Market: Breakup by Product (in %), 2022

Figure 5: Global: Ceramics Market: Breakup by Application (in %), 2022

Figure 6: Global: Ceramics Market: Breakup by End Use (in %), 2022

Figure 7: Global: Ceramics Market: Breakup by Region (in %), 2022

Figure 8: Global: Ceramics (Traditional) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Ceramics (Traditional) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Ceramics (Advanced) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Ceramics (Advanced) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Ceramics (Tiles) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Ceramics (Tiles) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Ceramics (Sanitary Wares) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Ceramics (Sanitary Wares) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Ceramics (Abrasives) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Ceramics (Abrasives) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Ceramics (Pottery) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Ceramics (Pottery) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Ceramics (Bricks and Pipes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Ceramics (Bricks and Pipes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Ceramics (Other Applications) Market: Sales Value (in Million US\$),

2017 & 2022

Figure 23: Global: Ceramics (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Ceramics (Building and Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Ceramics (Building and Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Ceramics (Industrial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Ceramics (Industrial) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Ceramics (Medical) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Ceramics (Medical) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Ceramics (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Ceramics (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: North America: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: North America: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: United States: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: United States: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Canada: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Canada: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Asia-Pacific: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Asia-Pacific: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: China: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: China: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Japan: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Japan: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: India: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: India: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: South Korea: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: South Korea: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Australia: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Australia: Ceramics Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 50: Indonesia: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Indonesia: Ceramics Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 52: Others: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Others: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Europe: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Europe: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Germany: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Germany: Ceramics Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 58: France: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: France: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: United Kingdom: Ceramics Market: Sales Value (in Million US\$), 2017 &
2022

Figure 61: United Kingdom: Ceramics Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 62: Italy: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Italy: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Spain: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Spain: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Russia: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Russia: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Others: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Latin America: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Latin America: Ceramics Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 72: Brazil: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Brazil: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Mexico: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Mexico: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Others: Ceramics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Others: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Middle East and Africa: Ceramics Market: Sales Value (in Million US\$), 2017
& 2022

Figure 79: Middle East and Africa: Ceramics Market: Breakup by Country (in %), 2022

Figure 80: Middle East and Africa: Ceramics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Global: Ceramics Industry: Drivers, Restraints, and Opportunities

Figure 82: Global: Ceramics Industry: Value Chain Analysis

Figure 83: Global: Ceramics Industry: Porter's Five Forces Analysis

I would like to order

Product name: Ceramics Market by Product (Traditional, Advanced), Application (Tiles, Sanitary Wares, Abrasives, Pottery, Bricks and Pipes, and Others), End Use (Building and Construction, Industrial, Medical, and Others), and Region 2023-2028

Product link: <https://marketpublishers.com/r/C19EA31114C5EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C19EA31114C5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970